

External Domes for Wall & Ceiling Mount

If you are looking for a swan neck wall mounting internal or external CCTV camera or a ceiling mount version in black or ivory these cameras offer a very attractive solution. The cameras fitted come in three types - black & white, colour and hi-res colour. The camera's viewing angle can be rotated through 360° and can be adjusted through a vertical plane as well.



Models Covered in these instructions

CCT581 Black & White Dome in Ivory - Wall bracket
 CCT582 Black & White Dome in Ivory - Ceiling bracket
 CCT583 Black & White Dome in Black - Wall bracket
 CCT584 Black & White Dome in Black - Ceiling bracket

CCT585 Colour Dome in Ivory - Wall bracket
 CCT586 Colour Dome in Ivory - Ceiling bracket
 CCT587 Colour Dome in Black - Wall bracket
 CCT588 Colour Dome in Black - Ceiling bracket
 CCT591 Hi-Res Colour Dome in Ivory - Wall bracket
 CCT592 Hi-Res Colour Dome in Ivory - Ceiling bracket
 CCT593 Hi-Res Colour Dome in Black - Wall bracket
 CCT594 Hi-Res Colour Dome in Black - Ceiling bracket

Camera Specifications

| Camera Spec | B&W CCT581/2/3/4 | Colour CCT585/6/7/8 | Hi-Res CCT591/2/3/4 |
|---------------------|-------------------------|-------------------------|-------------------------|
| Image Sensor | 1/3" B&W | 1/3" Colour | 1/3" Colour |
| Image Output | 1V _{pk-pk} 75Ω | 1V _{pk-pk} 75Ω | 1V _{pk-pk} 75Ω |
| Resolution | 420TVL min | 400TVL min | 480TVL min |
| Min Illumination | 0.1 Lux, F1.2 | 1.0 Lux, F1.2 | 0.7 Lux, F1.2 |
| Input Voltage Range | 12V DC | 12V DC | 12V DC |
| Power Consumption | 110 mA | 130 mA | 160 mA |
| Lens | 3.6mm board lens | 3.6mm board lens | 3.6mm board lens |
| AGC | Preset Auto | Preset Auto | Preset Auto |
| Iris Control | Electronic | Electronic | Electronic |
| Size, Dia x H | 107mm dia x 80mm H | 107mm dia x 80mm H | 107mm dia x 80mm H |



Mounting the Camera

The wall bracket allows the cable to come through the rear of the fixing plate or through a hole at the base of the bracket arm next to the fixing plate. On the ceiling bracket, cable entry is through the rear of the fixing plate.

Powering the Camera

The dome cameras require a 12V DC regulated power supply. The camera is provided with a fly lead with a mini power jack plug. It is recommended to use a power supply that is rated higher than the current consumption of the camera i.e. POW100 would be adequate for powering a single camera but when powering more than one you should look at the bigger power supplies to prevent the PSU from running at its maximum rating for long periods of time. If you are using the Easy Connection Kit (CCT806/7) to power and connect your camera (12V models only) please proceed as per the instructions supplied with The Easy Connection Kit.

Connecting the camera to control equipment.

The dome camera comes with a fly lead for power and video out. To reduce installation time the video out lead is terminated into a male BNC connector. This allows the installer to effortlessly connect the camera to control equipment via a female BNC-BNC lead. Remember that the Video out from the camera is like any other electrical circuit and requires two wires to complete the circuit. When using a co-ax type cable such as RG59 or similar, the outer braid of the co-ax provides the "0V GROUND" connection and the inner core provides the "Video" connection.